



- 1 -

SEQUENCE LISTING

RECEIVED

OCT 07 2003

TECH CENTER 1800/2800

<110> Hansen, Mark R.
Kho, Richard
Villar, Hugo O.

<120> METHODS FOR DETERMINING POLYPEPTIDE
STRUCTURE, FUNCTION OR PHARMACOPHORE FROM COMPARISON OF
POLYPEPTIDE SEQUENCES

<130> 66692-042 (TB5067)

<140> 10/032,395
<141> 2001-12-21

<160> 4

<170> FastSEQ for Windows Version 4.0

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<211> 177
<212> PRT
<213> E. coli

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1 5 10 15
Thr Leu Asp Val Val Arg His Asn Pro Glu His Phe Arg Val Val Ala
20 25 30
Leu Val Ala Gly Lys Asn Val Thr Arg Met Val Glu Gln Cys Leu Glu
35 40 45
Phe Ser Pro Arg Tyr Ala Val Met Asp Asp Glu Ala Ser Ala Lys Leu
50 55 60
Leu Lys Thr Met Leu Gln Gln Gly Ser Arg Thr Glu Val Leu Ser
65 70 75 80
Gly Gln Gln Ala Ala Cys Asp Met Ala Ala Leu Glu Asp Val Asp Gln
85 90 95
Val Met Ala Ala Ile Val Gly Ala Ala Gly Leu Leu Pro Thr Leu Ala
100 105 110
Ala Ile Arg Ala Gly Lys Thr Ile Leu Ala Asn Lys Glu Ser Leu
115 120 125
Val Thr Cys Gly Arg Leu Phe Met Asp Ala Val Lys Gln Ser Lys Ala
130 135 140
Gln Leu Leu Pro Val Asp Ser Glu His Asn Ala Ile Phe Gln Ser Leu
145 150 155 160
Pro Gln Pro Ile Gln His Asn Leu Gly Tyr Ala Asp Leu Glu Gln Asn
165 170 175
Gly

<210> 2

<211> 147

<212> PRT

<213> S. aureas

<400> 2

Ser Thr Lys Val Val Asn Val Ala Val Ile Gly Ala Gly Val Val Gly
1 5 10 15
Ser Ala Phe Leu Asp Gln Leu Leu Ala Met Lys Ser Thr Ile Thr Tyr
20 25 30
Asn Leu Val Leu Leu Ala Glu Ala Glu Arg Ser Leu Ile Ser Lys Asp
35 40 45
Phe Ser Pro Leu Asn Val Gly Ser Asp Trp Lys Ala Ala Leu Ala Ala
50 55 60
Ser Thr Thr Lys Thr Leu Pro Leu Asp Asp Leu Ile Ala His Leu Lys
65 70 75 80
Thr Ser Pro Lys Pro Val Ile Leu Val Asp Asn Thr Ser Ser Ala Tyr
85 90 95
Ile Ala Gly Phe Tyr Thr Lys Phe Val Glu Asn Gly Ile Ser Ile Ala
100 105 110
Thr Pro Asn Lys Lys Ala Phe Ser Ser Asp Leu Ala Thr Trp Lys Ala
115 120 125
Leu Phe Ser Asn Lys Pro Thr Asn Gly Phe Val Tyr His Glu Ala Thr
130 135 140
Val Gly Ala
145

<210> 3

<211> 8

<212> PRT

<213> E. coli

<220>

<221> VARIANT

<222> 3

<223> Xaa=any amino acid

<400> 3

Leu Gly Xaa Thr Gly Ser Ile Gly

1

5

<210> 4

<211> 8

<212> PRT

<213> S. cerevisiae

<400> 4

Ile Gly Ala Gly Val Val Gly Ser

1

5